

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064016.D
 Acq On : 9 Oct 2020 3:16
 Operator : JC/MD
 Sample : PB132189ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#05

Quant Time: Oct 09 07:36:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

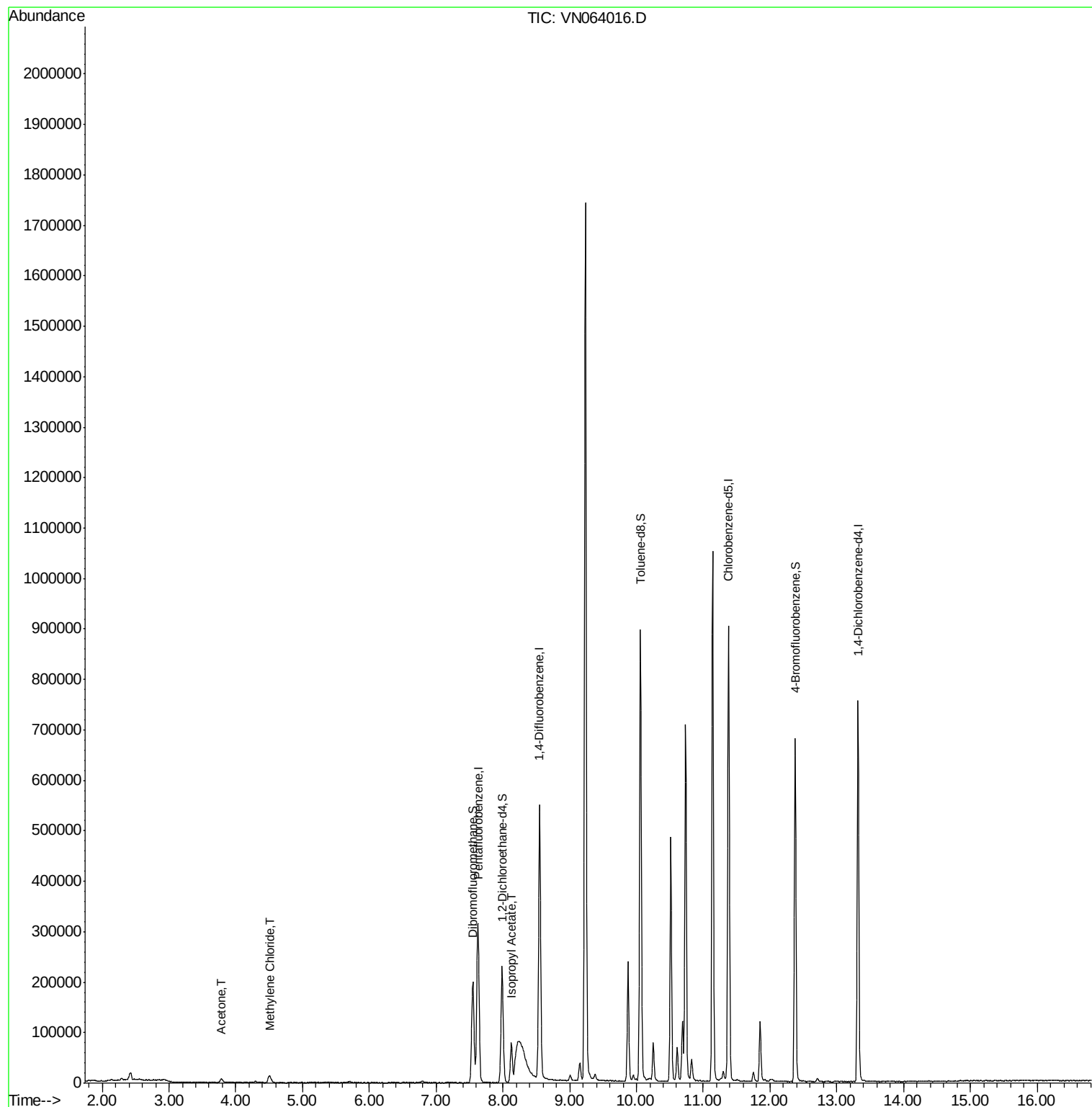
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	242741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	467578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	486847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	205369	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	7.55	113	151721	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
50) Toluene-d8	10.06	98	599466	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.38	95	230520	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
Target Compounds						
16) Acetone	3.78	43	14439	11.696	ug/l	94
20) Methylene Chloride	4.51	84	10177	3.690	ug/l	99
43) Isopropyl Acetate	8.13	43	94100	12.122	ug/l	100

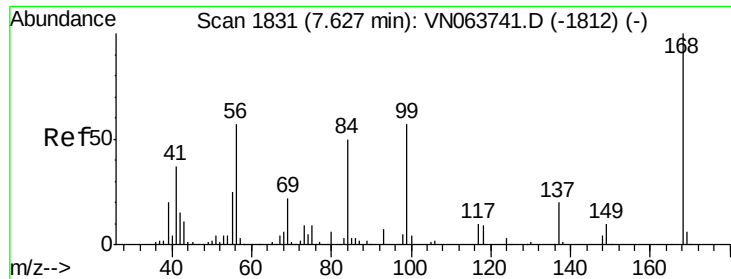
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064016.D

Acq: 9 Oct 2020 3:16

Instrument :

MSVOA_N

ClientSampleId :

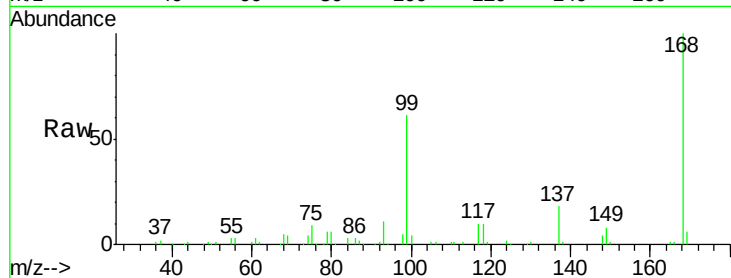
PB132189ZHE#05

Tot Ion:168 Resp: 242741

Ion Ratio Lower Upper

168 100

99 60.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

120000

100000

80000

60000

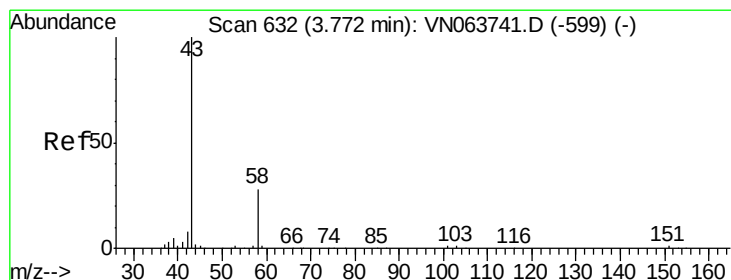
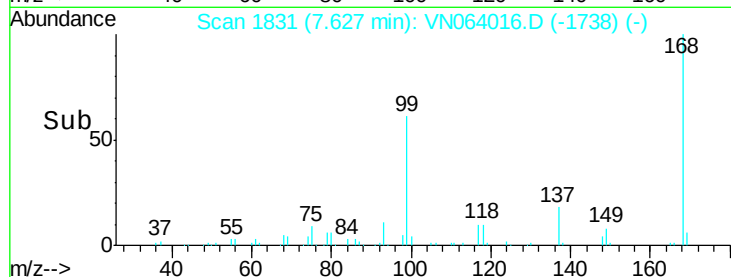
40000

20000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 11.696 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064016.D

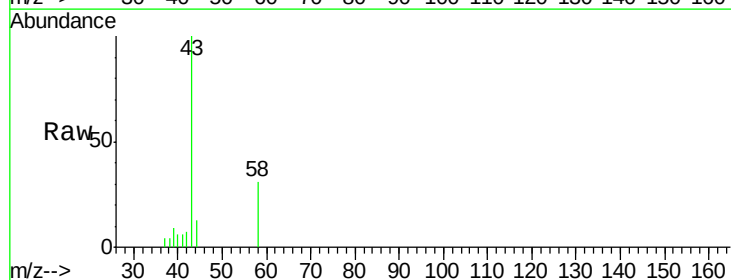
Acq: 9 Oct 2020 3:16

Tgt Ion: 43 Resp: 14439

Ion Ratio Lower Upper

43 100

58 31.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

5000

4000

3000

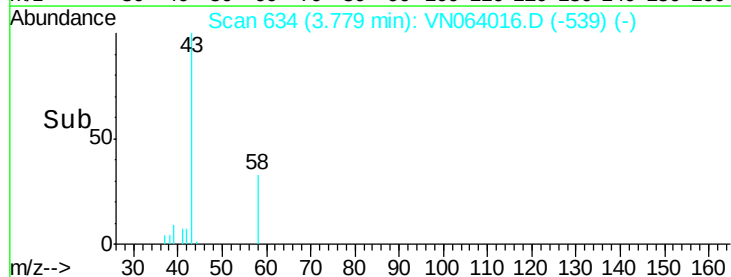
2000

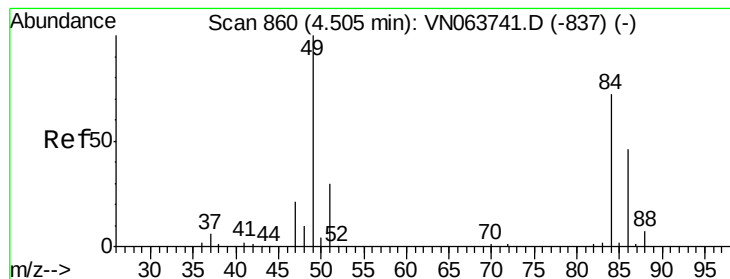
1000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 3.690 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.00 min

Lab File: VN064016.D

Acq: 9 Oct 2020 3:16

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#05

Tot Ion: 84 Resp: 10177

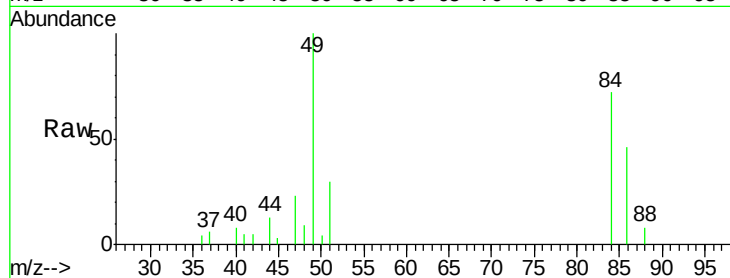
Ion Ratio Lower Upper

84 100

49 139.8 110.4 165.6

51 41.6 33.3 49.9

86 63.9 50.7 76.1

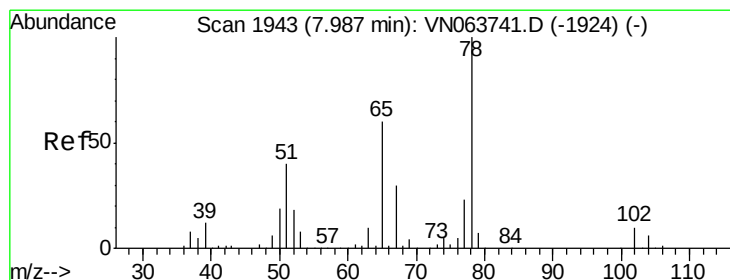
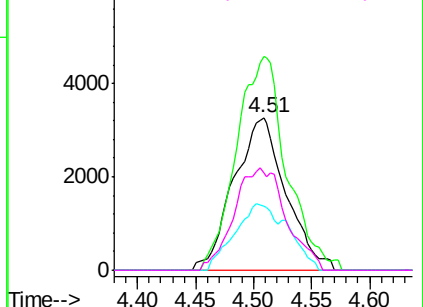
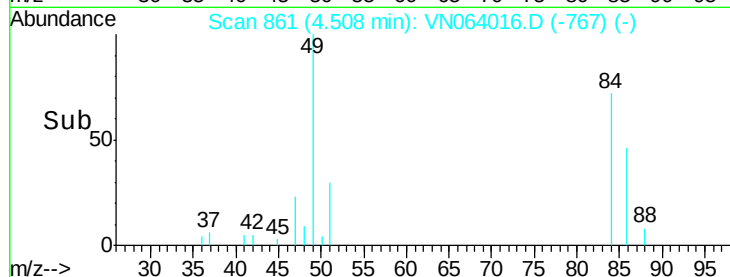


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.211 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064016.D

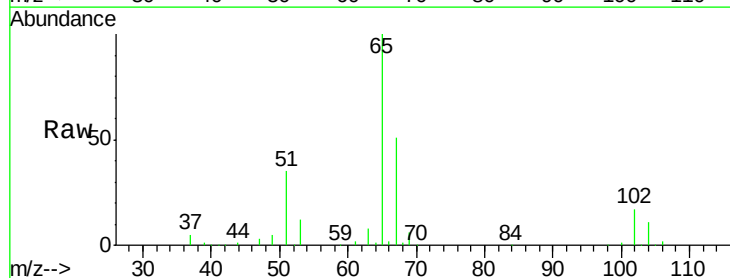
Acq: 9 Oct 2020 3:16

Tgt Ion: 65 Resp: 205369

Ion Ratio Lower Upper

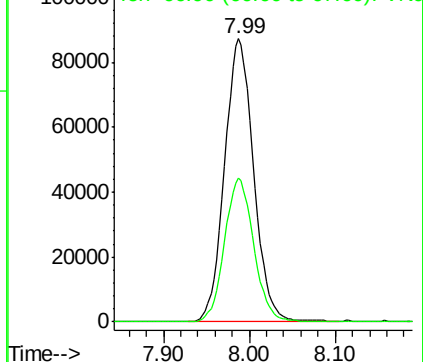
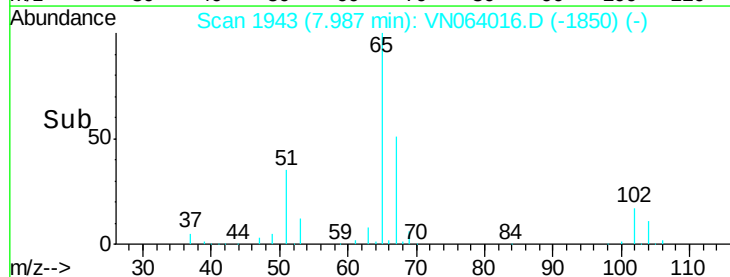
65 100

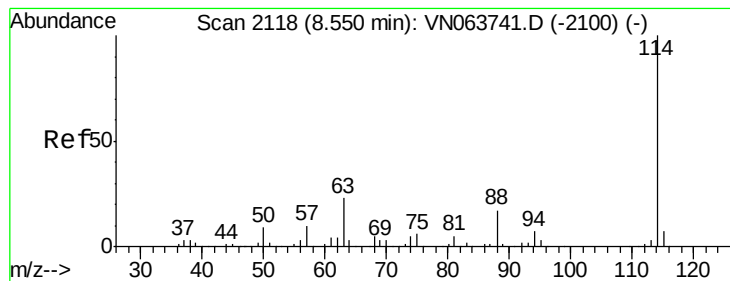
67 50.8 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064016.D

Acq: 9 Oct 2020 3:16

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#05

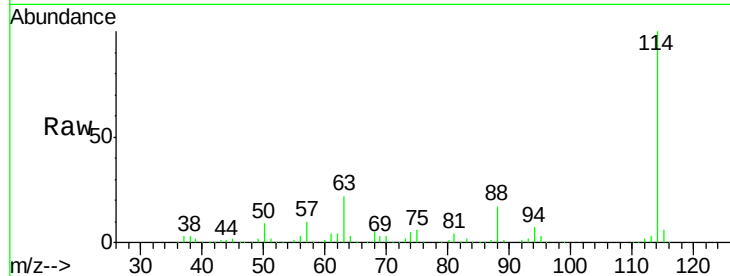
Tot Ion:114 Resp: 467578

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

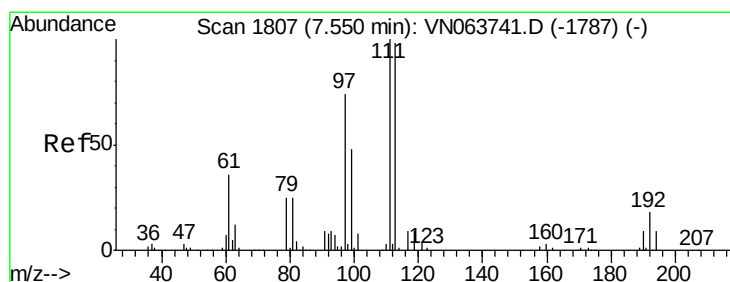
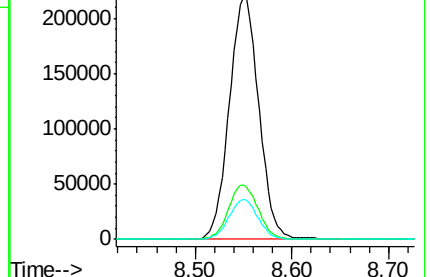
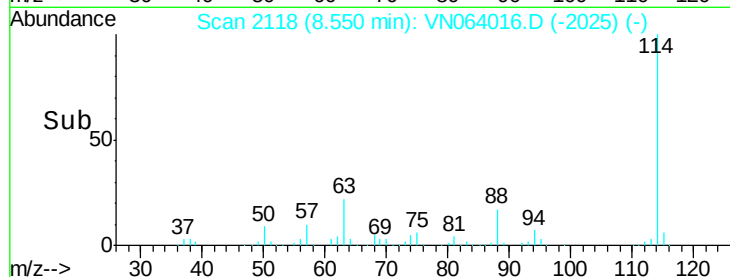
88 16.5 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.764 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064016.D

Acq: 9 Oct 2020 3:16

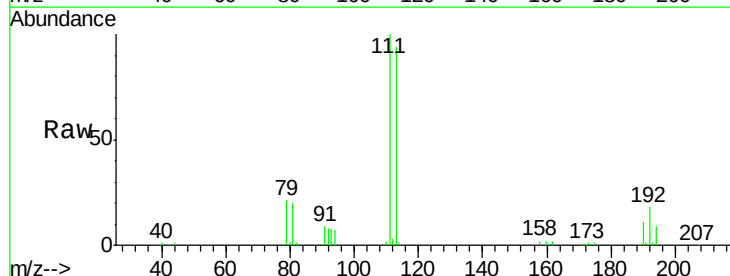
Tgt Ion:113 Resp: 151721

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

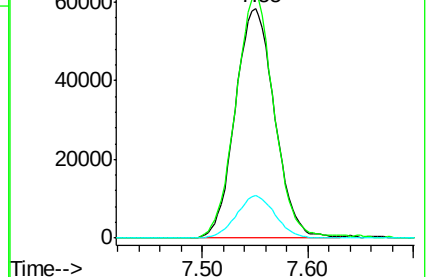
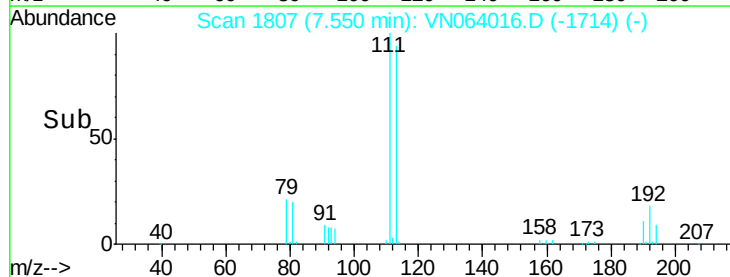
192 18.2 14.2 21.2

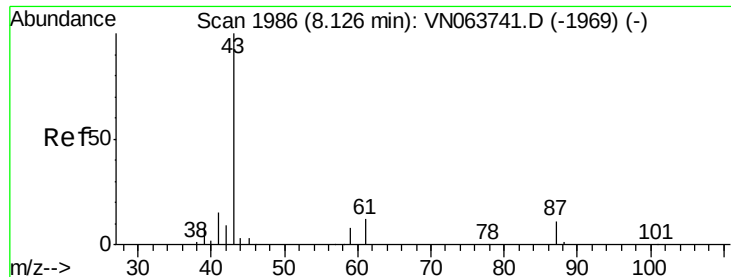


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.122 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064016.D

Acq: 9 Oct 2020 3:16

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#05

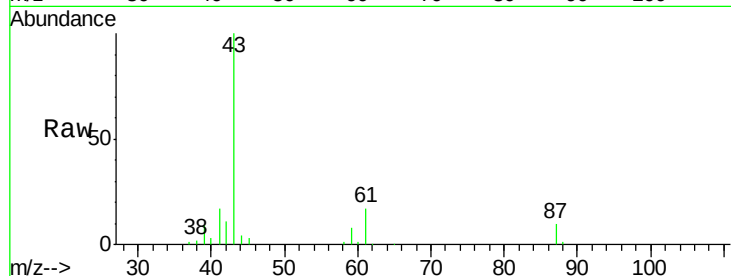
Tot Ion: 43 Resp: 94100

Ion Ratio Lower Upper

43 100

61 17.5 14.2 21.4

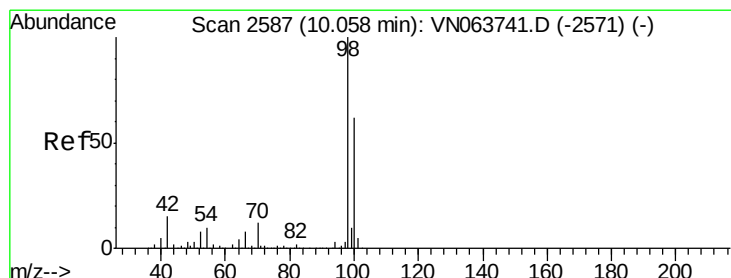
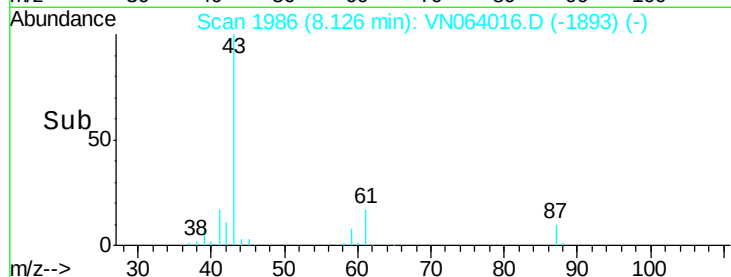
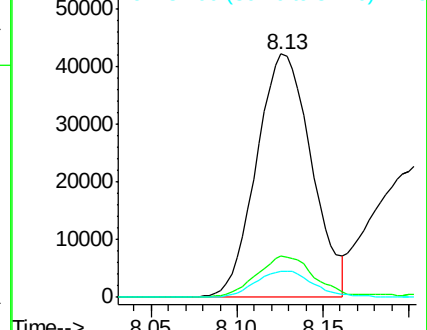
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.740 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064016.D

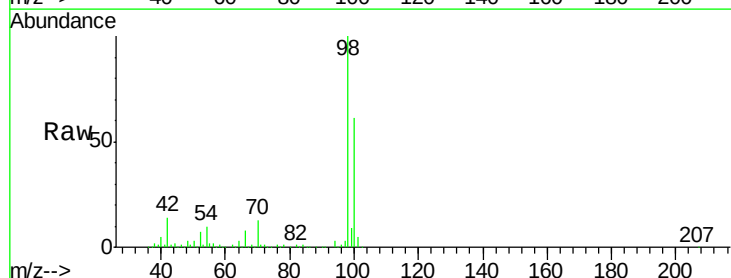
Acq: 9 Oct 2020 3:16

Tgt Ion: 98 Resp: 599466

Ion Ratio Lower Upper

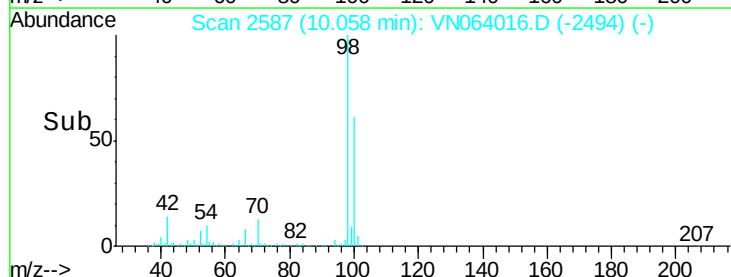
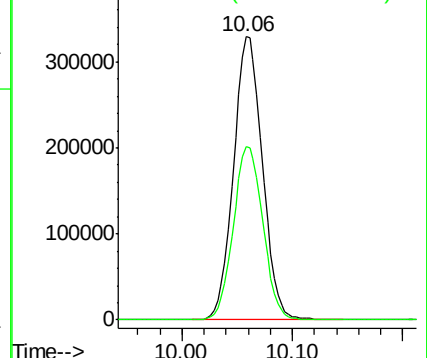
98 100

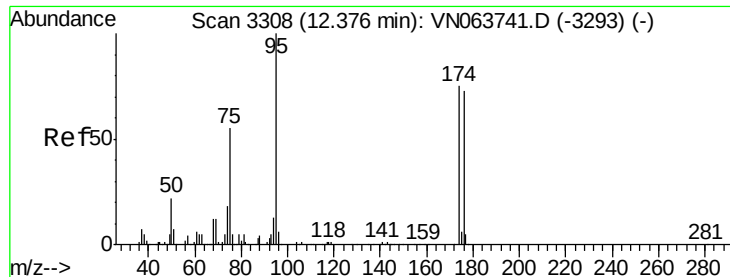
100 62.5 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

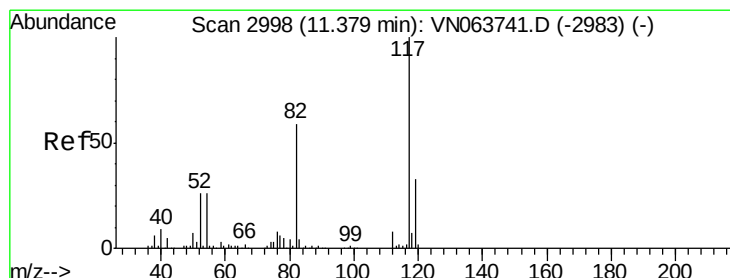
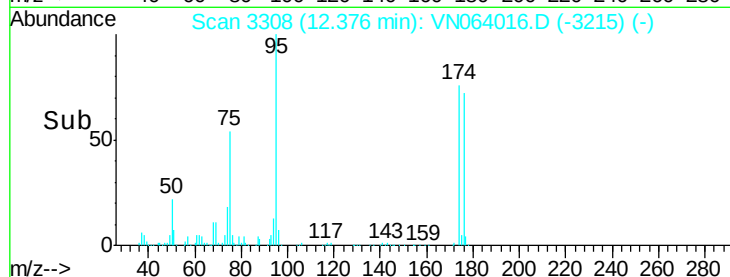
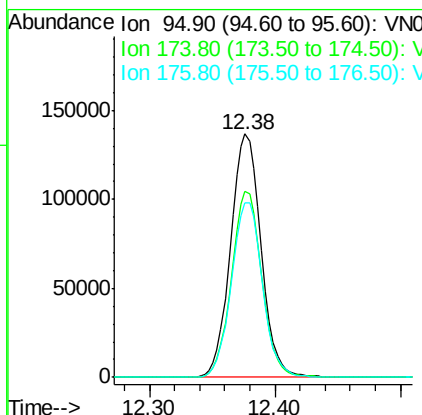
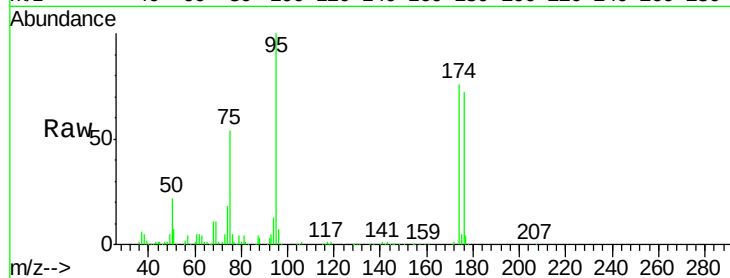




#62
 4-Bromofluorobenzene
 Concen: 49.859 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064016.D
 Acq: 9 Oct 2020 3:16

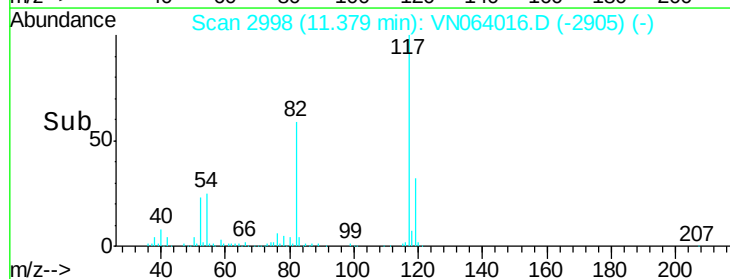
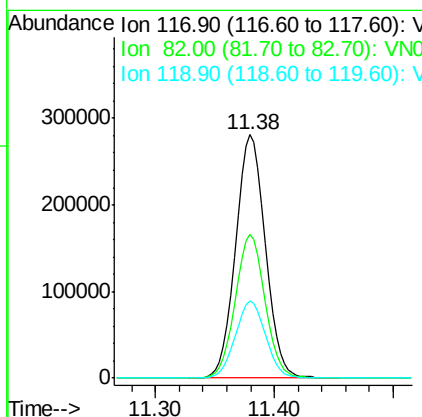
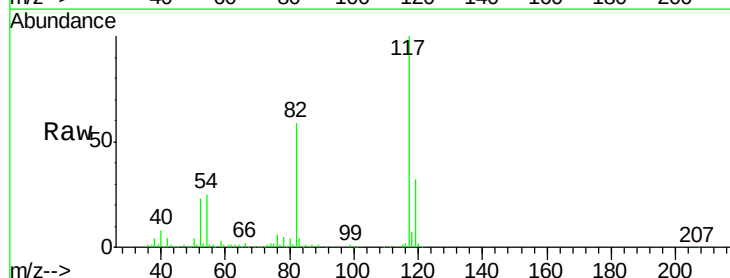
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#05

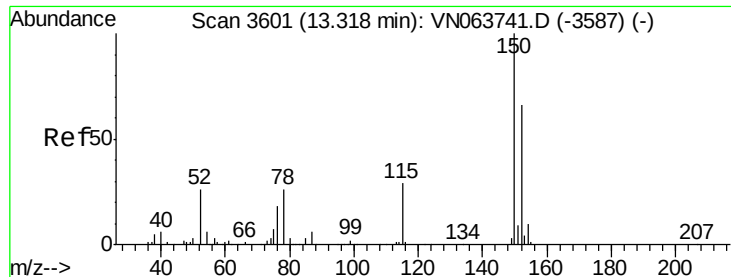
Tot Ion: 95 Resp: 230520
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 150.6
 176 73.0 0.0 145.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: VN064016.D
 Acq: 9 Oct 2020 3:16

Tgt Ion: 117 Resp: 486847
 Ion Ratio Lower Upper
 117 100
 82 59.2 47.4 71.2
 119 31.8 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064016.D

Acq: 9 Oct 2020 3:16

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#05

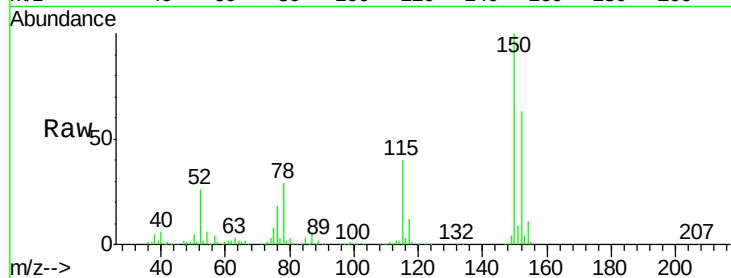
Tot Ion:152 Resp: 190182

Ion Ratio Lower Upper

152 100

115 62.3 31.3 93.8

150 156.9 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

